

04/89

# Burke & Burke

## "Hard" Disk?

*Connecting a hard drive to your CoCo is easy, and it won't take a megabyte out of your pocketbook!*

The 20 Meg hard disk. Some CoCo lovers long for one like a teenager longs for that first car. At least I did. But the price! Over \$600 for a Color Computer 20 Meg disk system? Heck, you could buy a car for that!

### PC Compatible?

Your CoCo is not PC compatible. Usually that's a good thing, but consider this: a PC compatible 20 Meg hard disk system costs only about \$350. That's less than half the price of some equivalent CoCo hard disks.

### Shop Around, Save a Bundle.

Our hard disk interface is called the CoCo XT. It lets you connect up to 2 low cost, PC compatible 5 - 120 Meg hard drives to your CoCo. You buy the Western Digital WD1002-WX1 or WD1002-27X (RLL) controller, a case and a drive from the PC dealer of your choice - at the price you want to pay! Just plug them into the CoCo XT, plug the CoCo XT into your Multi-PAK, and you have a powerful OS9 or RS-DOS hard disk system.

At \$69.95, the CoCo XT comes in an attractive gold iridite finish metal housing. A user manual and drivers for use with both OS9 & HYPER-I/O (RS-DOS) are included. Or choose the CoCo XT-RTC, with all the features of the CoCo XT plus a battery-powered real-time clock / calendar, for \$99.95.  
64K COCO OR COCO 3 & MULTI-PAK REQUIRED FOR ALL VERSIONS. HYPER-I/O REQUIRED FOR USE WITH RS-DOS.

## Make tracks!

*If BASIC is limiting you to 35 track, single sided floppy disks, you could use HYPER-I/O from Burke & Burke.*

The 35 track floppies used by BASIC are small by today's standards, but CoCo BASIC is not very good at using any other kind. Programs that "patch" BASIC to use a big floppy, hard disk, or RAM disk are great, but they usually expect to be the only patch in the system. Try to use a hard disk and a RAM disk at the same time, and you're often out of luck.

### Extension, Please.

Burke & Burke's HYPER-I/O program modifies BASIC to provide a "Dynamic Disk Interface". Our device drivers (RAM disk, floppy, hard disks from Burke & Burke, Howard Medical, DISTO, and soon, LR-TECH) are compatible with this standard interface. BASIC becomes EPROM-able HYPER-BASIC!

### Big Guns.

HYPER-I/O has a fantastic floppy disk driver built right in. This driver allows any mix of double-sided and single-sided disk drives in your system. You can use each side of a double-sided drive as a separate unit, or format both sides together as a single, massive disk. Even 720K 3.5" drives are no problem for HYPER-I/O.

### All Together, Now

You can permanently install up to 9 different devices, including multiple hard drives. To use a device, just OPEN it. When you're through with it, close it and OPEN another. Use up to 4 different devices at once! The dynamic disk interface makes them all work together.

HYPER-I/O costs only \$29.95. CoCo 3 owners can add a RAM disk & Print Spooler (HYPER-III) for \$12.95. 64K COCO REQUIRED (512K FOR RAM DISK).

## Wild Thing . . .

*Whether you're a serious OS9 user, or would just rather work smart than work hard, here's a utility that will save you hours of keyboard frustration.*

I use OS9 every day, and I love it! Sometimes when I use OS9 I need to perform some command (like DEL or ASM) on an entire group of related files. OS9 doesn't allow "wild card" operations, though, so I end up typing out each file name by hand.

### A Star is Born!

Burke & Burke created the WILD utility to help eliminate this sort of wasted effort. After all, your CoCo knows file names just as well as you do - why not make it do the work for you?

Once you own WILD, you can use "wild cards" with virtually ANY of OS9's commands. Here are a few examples:

```
OS9: wild -q del *.bin      (Delete all files with names ending in ".bin", asking user to OK each deletion).  
OS9: wild asm *.src o*.dr   (Assemble all ".src" files, producing ".dr" files.)  
OS9: wild -2p grep -y X "q" (Search all files with names that begin with "q" for an upper or lower-case "X". Print  
                             the name of each file as it is examined.)  
OS9: wild -r echo /d0/lost.file (NEW "RECURSIVE" OPTION. Search /d0 recursively for the file "lost.file")
```

WILD thing, I think I love you . . .

Work smart. Get WILD today for only \$19.95.

*We sell a few other CoCo things you may want. Send SASE for our flyer.*



# **File Recovery** **System**



***Files you thought were gone forever  
could be just a few keystrokes away!  
Here's how.***

If you've ever had a power failure or run untested software, you know how easy it is to lose the valuable data stored on your hard or floppy disks.

OS9 uses a system called RBF to store data on disks. This system uses a lot of tables and lists to keep information organized on the disk. When hardware or software problems prevent RBF from keeping accurate tables, data can be misplaced. The information is still out there on the disk (somewhere) -- you just can't get to it.

## **Finders Keepers**

Burke & Burke's File Recovery System understands how files get lost, and knows how to find them again. It repairs RBF's tables, once again giving you access to lost data. A pretty simple idea, really.

## **Cheap Insurance**

**File Recovery System**  
**\$24.95**

File Recovery System isn't the kind of program that you use every day. Like a first-aid kit, you'll only need File Recovery System in emergencies. Isn't it nice to know that now you can face those emergencies prepared?



**Burke & Burke**

P.O. Box 733 Maple Valley, WA 98038  
(206) 432-1814

**TOLL-FREE U.S. ORDER HOTLINE:**  
**1-800-ADS-AH0Y 1-800-237-2409**

**TECHNICAL SUPPORT:**  
**1-206-432-1814**



**TIME FOR DINNER HONEY**



It's very engrossing to work with a computer. The computer focuses, even demands, your full attention. A person can lose track of time very easily.



**TIME TO WALK THE DOG DEAR**



The rest of the world doesn't always understand how time has no meaning when you're computing. The rest of the world has schedules, routines, duties, appointments. All waiting just for you. Somehow, you just have to keep track of time.



**I AM GOING TO BED NOW**



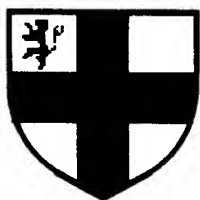
What you need is a way of seeing what time it is. Instantly. Without breaking your concentration. An almost subliminal reminder that, as you program, the world is silently marching ahead.

## ZClock

What you need is ZClock, a new utility from Burke & Burke that continuously displays the date and time on your Color Computer Level 2 OS9 screen.

ZClock automatically finds the active screen and shows the time in the upper left corner. It works on both text and graphics screens, and maintains the date and time display even across window type changes.

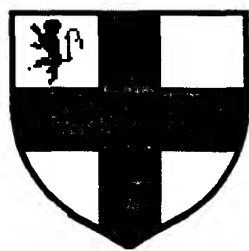
Easy to install, easy to use, and (at only \$9.95) so affordable!



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P.O. Box 733  
Maple Valley, WA 98038  
(206) 432-1814

**ZClock**  
**\$9.95**



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| OS9: wild -r echo /d0/lost.file | ("RECURSIVE" OPTION. Search /d0 recursively for the file "lost.file")  |

WILD thing, I think I love you . . .

Work smart. Get WILD today for only \$19.95.



# **File System** **Repack**



***Did you know that OS9 gets less efficient (and just a little slower) every time you use it? It's true!***

As you modify or create disk files, OS9 breaks them up into smaller and smaller pieces scattered randomly across your hard or floppy disks.

One part of a file might be stored at the outer edge of your disk, and another part of the same file might be at the center of the disk. The farther apart these pieces get, the longer it takes the disk heads to move from part to part. Disk access slows down significantly.

## **The Truth about Fragmentation**

Your OS9 hard or floppy disks are suffering from a bad case of fragmentation: a gradual breakdown of information storage that slows down your system and increases disk wear. Our File System Repack is the \$29.95 cure.

## **Order Restored!**

**File System Repack**  
**\$29.95**

File System Repack examines each file on your hard or floppy disk. It reverses the effects of fragmentation by gathering up and combining pieces of files. In addition to speeding up disk access, our program reduces disk head movement -- and, in the long term, mechanical wear on your drives.



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# Real BASIC for OS9!



## *OS9 will seem like an old friend when you use the exciting new R.S.B. program from Burke & Burke.*

My name is Chris Burke, and I love OS9! OS9 is powerful and expandable. Hard disks, RAM disks, speech synthesizers, MIDI controllers, printer spoolers — virtually anything can be added to OS9 easily. And software for OS9 is much easier to develop than software for RS-DOS, which means you get a better product for a lower price.

### **True Fan.**

You have probably heard that OS9 is hard to use. The most common concern that I hear is, "Why should I have to learn a whole new set of commands in order to use OS9, when BASIC is so easy?".

### **Easy Does It . . .**

I think that Burke & Burke has a great new product that can help you to take that first step toward falling in love with OS9. We call it R.S.B.

RSB lets you run Color Computer Super Extended Disk BASIC in a Level 2 OS9 "window". Your existing BASIC programs will run ***almost twice as fast*** as ever before, because OS9 always operates in "double speed" mode.

### **It's Done With Mirrors.**

Imagine running five, or even ten, BASIC programs at once! OS9's powerful windowing and multi-tasking systems make this possible. R.S.B. makes it easy. You can move between these programs simply by pressing the CLEAR key, or have several programs running simultaneously in different parts of your computer screen. Wow!

### **BASIC Clone?**

The first time you run R.S.B., it actually copies your CoCo 3's BASIC ROM's to an OS9 data file. Our proprietary installation program automatically converts this data into an executable OS9 "shell". You must have version 2.0 or 2.1 of Disk Extended Color BASIC, or DISTO CoCo 3 CDOS. What could be more compatible?

Burke & Burke also provides file transfer utilities that let you copy your RS-DOS BASIC programs directly onto OS9 disks. You can even copy programs back onto RS-DOS disks for your friends that don't have R.S.B.

### **The Bottom Line.**

**R.S.B.     \$39.95**

At \$39.95, RSB is a great value. Level 2 OS9, CoCo 3, and at least 256K RAM required.



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(206) 432-1814 / (800) 237-2409



*RSB is not compatible  
with machine language  
RS-DOS programs.*

# Make your life with OS9 easier . . . with EZGen from Burke & Burke

**How many times have you bought a new piece of Color Computer hardware or software, only to find that you can't use it until you modify your OS9 system disk?**

You know the feeling. That great new communications software you bought won't work until you install its custom device driver into OS9Boot. Or you have to change the names of a few modules to get your hard disk running. Or you need more "window descriptors". So, you run some combination of OS9Gen, Config, Load, Save, ModPatch, Debug, and other OS9 "hacker" utilities to get the job done. It usually works on about the second or third try.

## ***EZGen allows you to customize your system — easily!***

Our EZGen utility can save you a lot of time. It's an interactive boot file editor that automates many common system customization procedures. You'll save time (and frustration) every time you need to:

|                             |                                   |
|-----------------------------|-----------------------------------|
| Delete a Module             | Install a New Version of a Module |
| Change the Name of a Module | Correct a Module CRC              |
| Insert New Modules          | Increase the Size of a Module     |
| Patch a Module              | Save a Module to Disk             |

## ***"Special" files are no problem for EZGen.***

EZGen knows about OS9's "special" files: OS9Boot, AltBoot, and the Kernel. EZGen automatically updates these files just the way OS9 wants, so you don't have to worry about the inner workings of the operating system.

If you like to worry, EZGen provides command line options to force a contiguous output file, or to prohibit actions like moving the file or changing its length.

## ***Be your own Guru.***

Suppose you need to do something kind of hard, like installing a hard drive as devices "/d0" and "/dd". The problem is, your boot file already has floppy disks with the same names. You decide to change the name of floppy "/d0" to "/f0", and to delete the floppy "/dd", before installing the new software. Without EZGen, the process is too long to even print here!

Using EZGen, with your system disk in drive "/d0", it goes like this:

```
OS9: EZGen /d0/OS9Boot
EZGen Version 1.09
Copyright 1991 by Burke & Burke

* Rename floppy /D0
link d0
rename f0
* Delete floppy /DD
link dd
delete
* Install new driver, /D0 and /DD immediately after RBF module
link RBF
next
insert /d0/modules/d0_20.dd
insert /d0/modules/dd_20.dd
insert /d0/modules/ccdisk.dr
* All done. Now, wasn't that easy?
quit

OS9:
```



You can enter EZGen commands from the terminal, or send it a file of commands for automatic operation. Each command can be shortened to a single letter if you like. EZGen even understands ModPatch commands!

## ***Not available in the Soviet Union***

We'll trade you a copy of EZGen for only \$19.95. Or you can get it **\*\*FREE\*\*** with your new order for the CoCo XT or CoCo XT-RTC Hard Disk Interface. Or convince us that you already own one of our hard disk interfaces, and we'll upgrade your system to Version 2.5 hard disk software and EZGen for the paltry sum of \$5.



**Burke & Burke**

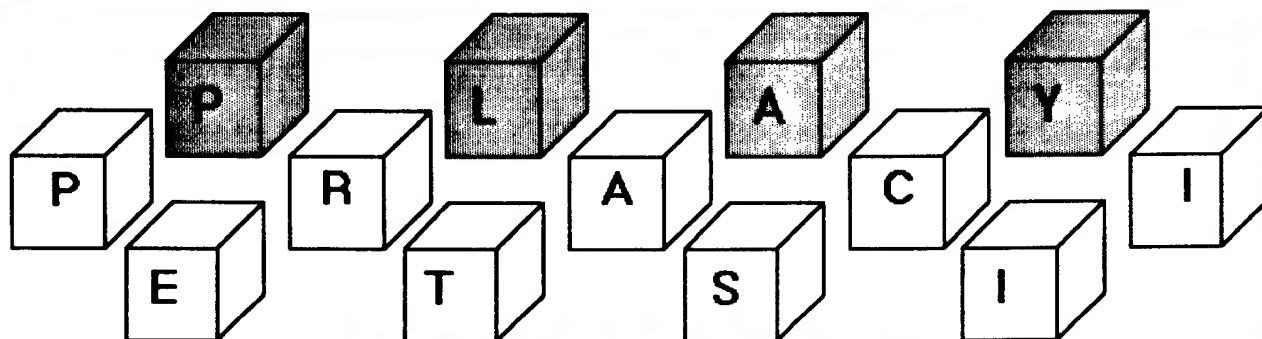
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*At last, there's a multi-user word game for OS9...*



**Play PERTASCII!**


(per-tas'-kē)

Roll the computerized dice,  and make words out of the letters that appear on their faces..

It's a race against time . Your score depends on the number of words that you make, and the number of letters per word.

Now, the fun part . . .

The other players  in the game all get the same letters as you do.

Can you beat their score? Will someone else see  the valuable word that you missed?

**Hurry! Time is running out!**

---

PERTASCII is a single-user or multi-user word game for Level 2 OS9. The players are yourself, other users on your system, or even friends that call in on a modem.

The game is played in rounds, until a certain score is reached. Players can join or leave the game at the beginning of any round. The players make words during each 3 minute round, and then argue over whether or not to accept each other's words.

Great for BBS and multi-user systems . . .  
Or play practice rounds against the computer's  
15,000 word dictionary to hone your skills!

**PERTASCII**  
**\$19.95**



**Burke & Burke**

P.O. Box 733 Maple Valley, WA 98038  
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# The Ancient Game of Chess

*"Let's face it. Chess is chess is chess...either you know how to play, or you don't. The shape of the pieces, or what the board is made of, doesn't make a lot of difference – all of which reminds me of a story.*

*There's never been a good chess program for the Color Computer 3. Not for BASIC, not for OS9. It's a shame, too – chess is a challenging and entertaining game enjoyed by millions of people!*

*TANDY's Cyrus World Class Chess, built on algorithms that once won the European computer chess championship, was hard to beat. It only worked on the CoCo 2, though, and even then only on machines without a disk drive or OS9.*

*One day it struck me that disk drives and OS9 didn't have anything to do with how well Cyrus played chess. I asked myself a simple question: could the chess playing algorithms in Cyrus World Class Chess be isolated and ported to CoCo 3 OS9?*

*This sounded like an adventure, so I went for it. Boy, was it hard! The first attempt didn't work too well, but the second one did. The program actually ran faster under OS9, because of the 2MHz clock speed. World Class Chess was born!" – Chris Burke*

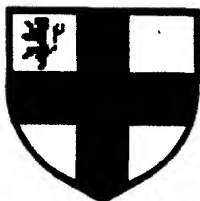
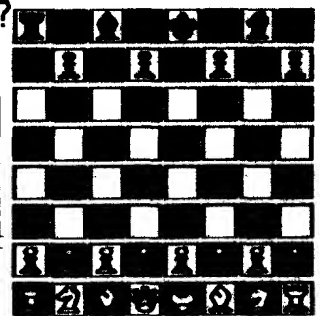
Burke & Burke is pleased to offer World Class Chess, an OS9 adaptation of the respected TANDY Cyrus chess cartridge.

When you install World Class Chess, it reads the contents of your Cyrus cartridge and saves an enhanced, modified version to your OS9 hard or floppy disk drive. The new version includes support for disk I/O, OS9 windows, the Hi-Res mouse, and Color Computer Level 2 OS9.

Cyrus doesn't just play chess, it plays really good chess with animated color graphics and sound. All of these features and more are available in Burke & Burke's World Class Chess.

Isn't it about time your Color Computer learned to play chess?

Burke & Burke has discovered that the Cyrus World Class Chess cartridge is still available from TANDY's Consumer Mail division for only \$29.95. If you don't already have this cartridge, you'll need to buy it before you can use World Class Chess. Just place an order with your local Radio Shack store for part number 26-3064.



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**World Class  
Chess  
\$29.95**